

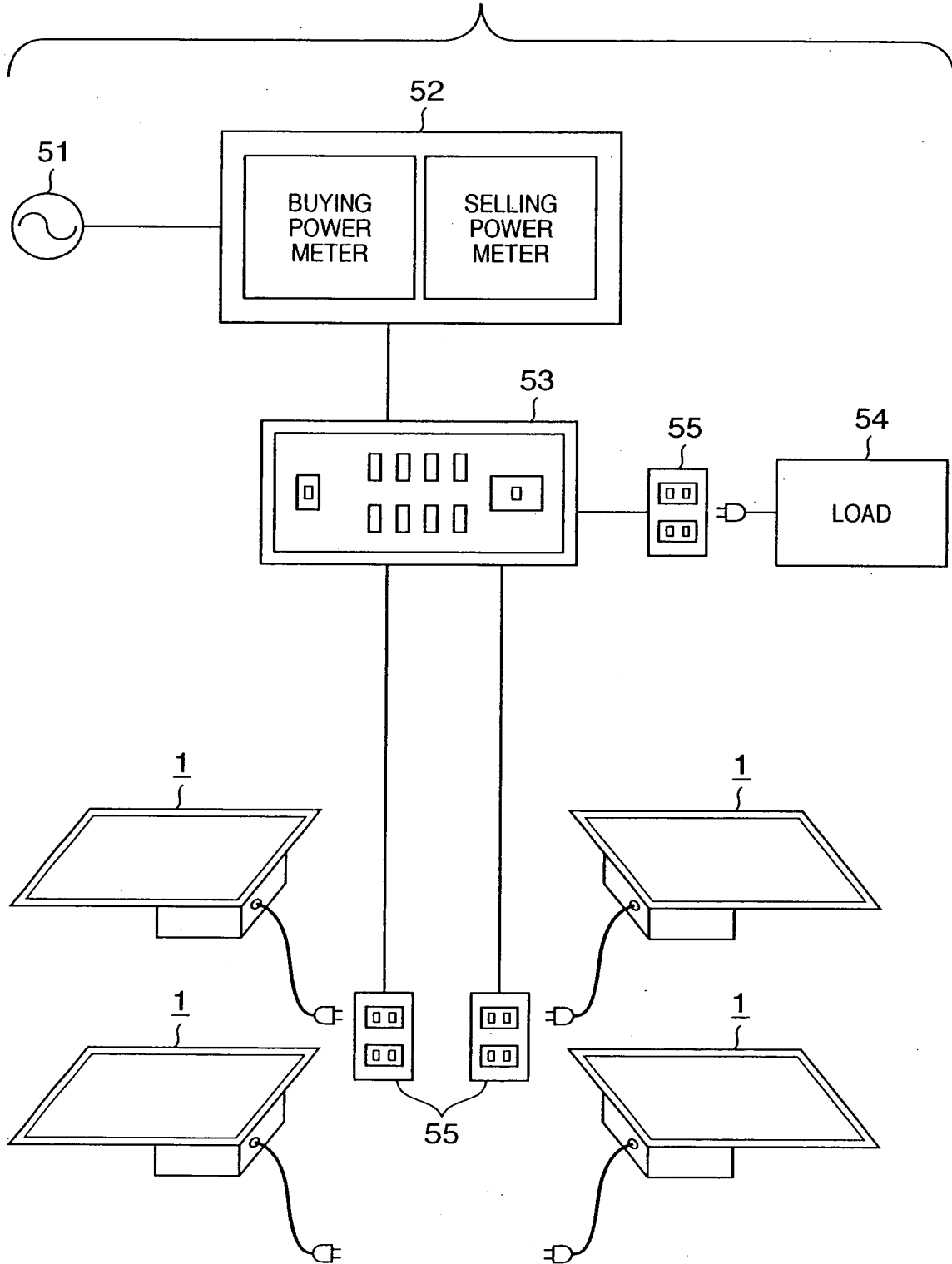
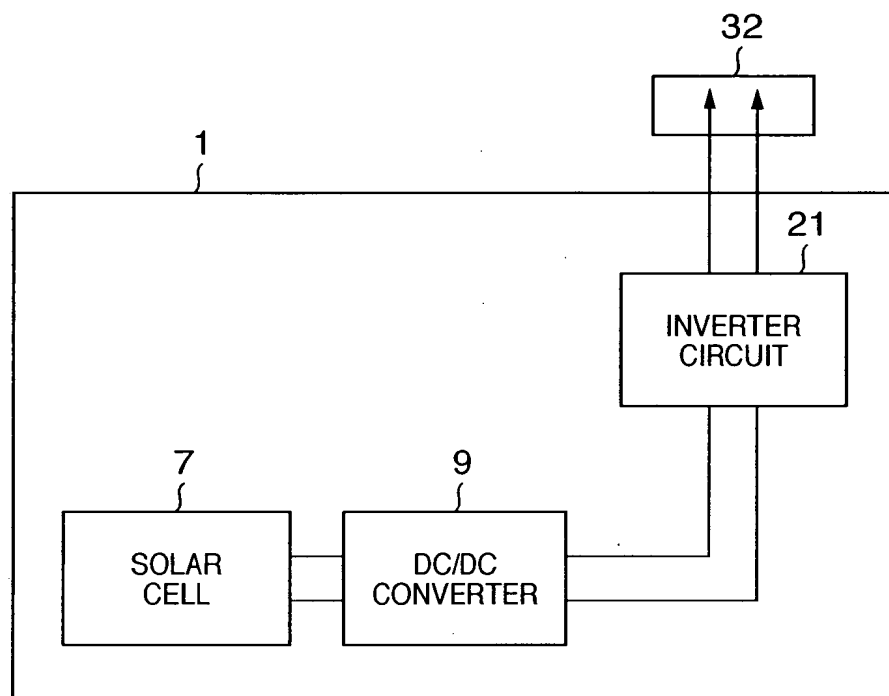
FIG. 1

FIG. 2



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FIG. 3

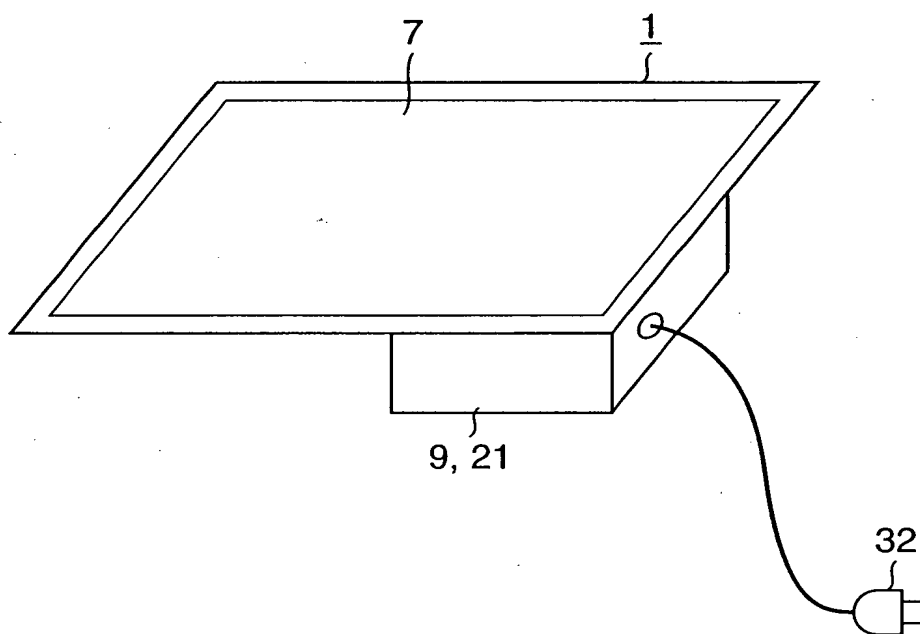
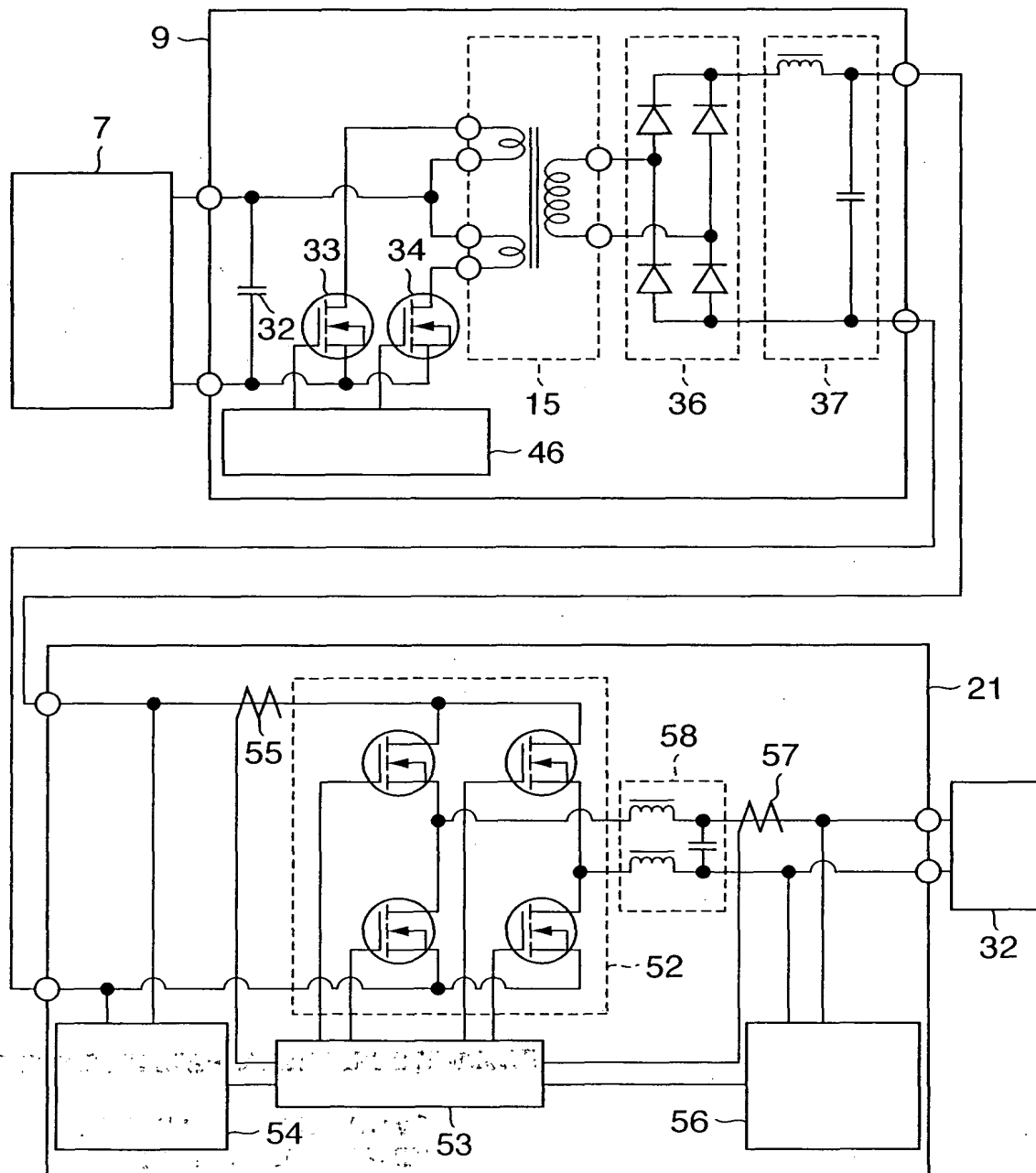
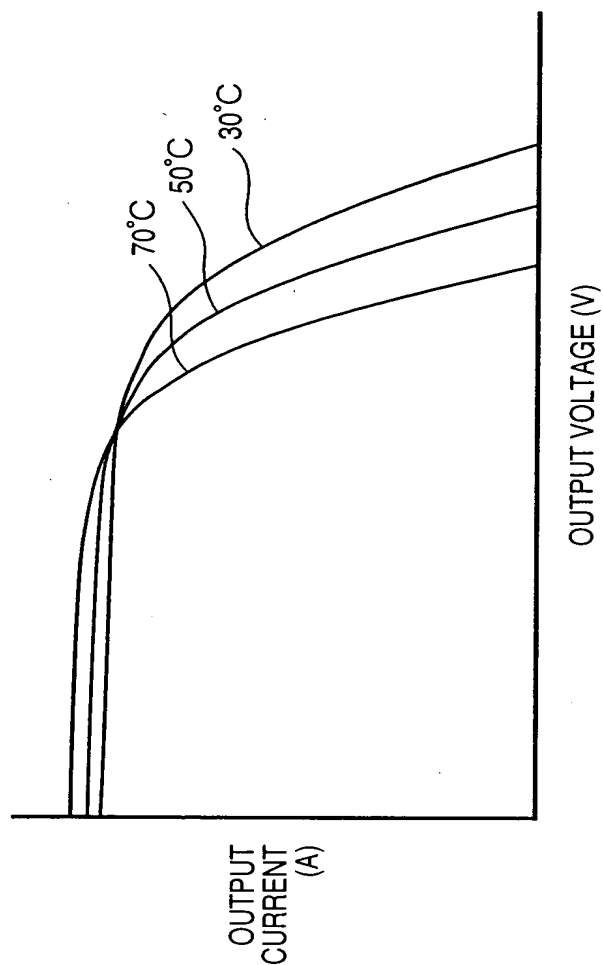


FIG. 4



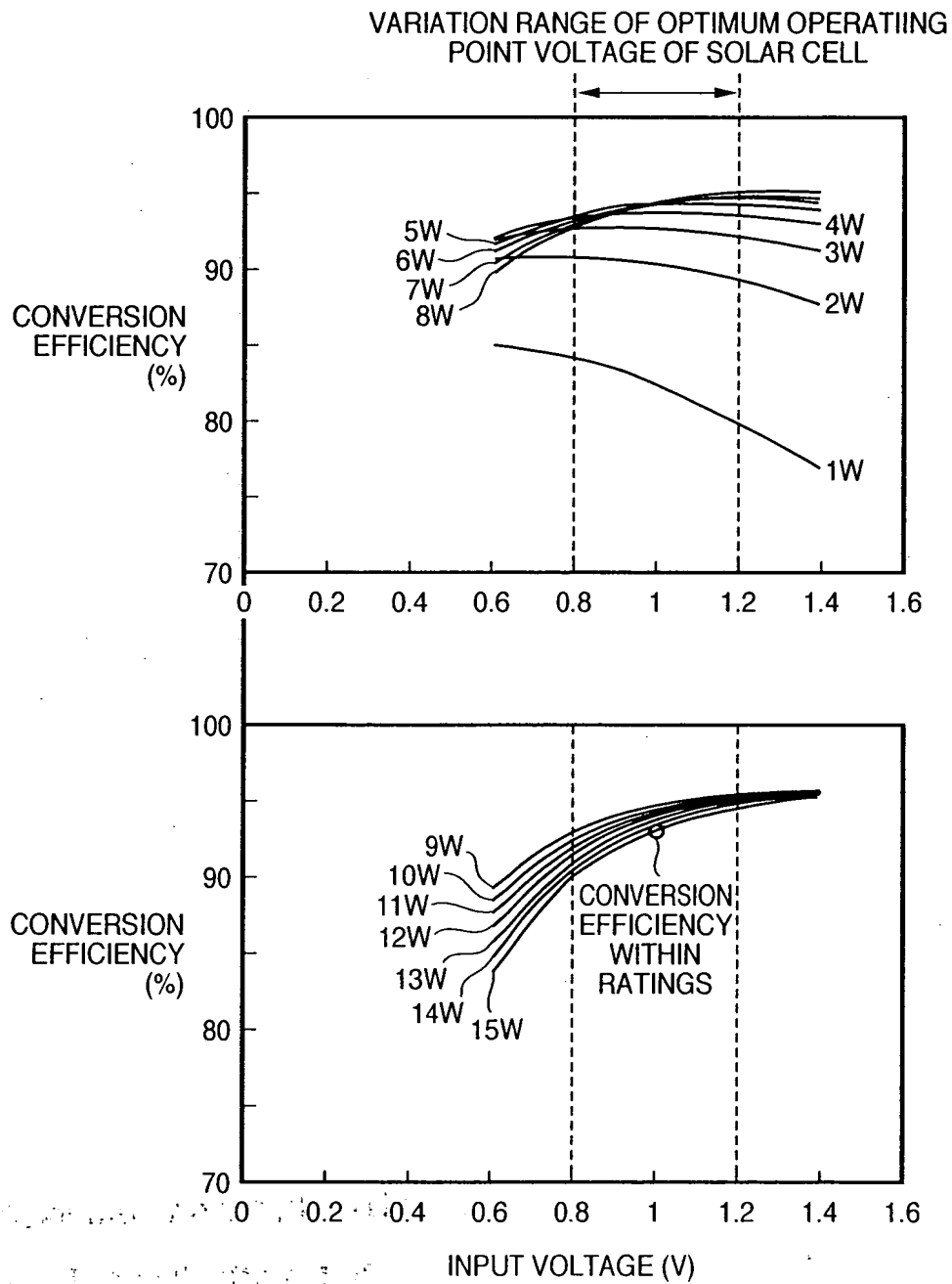
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FIG. 5



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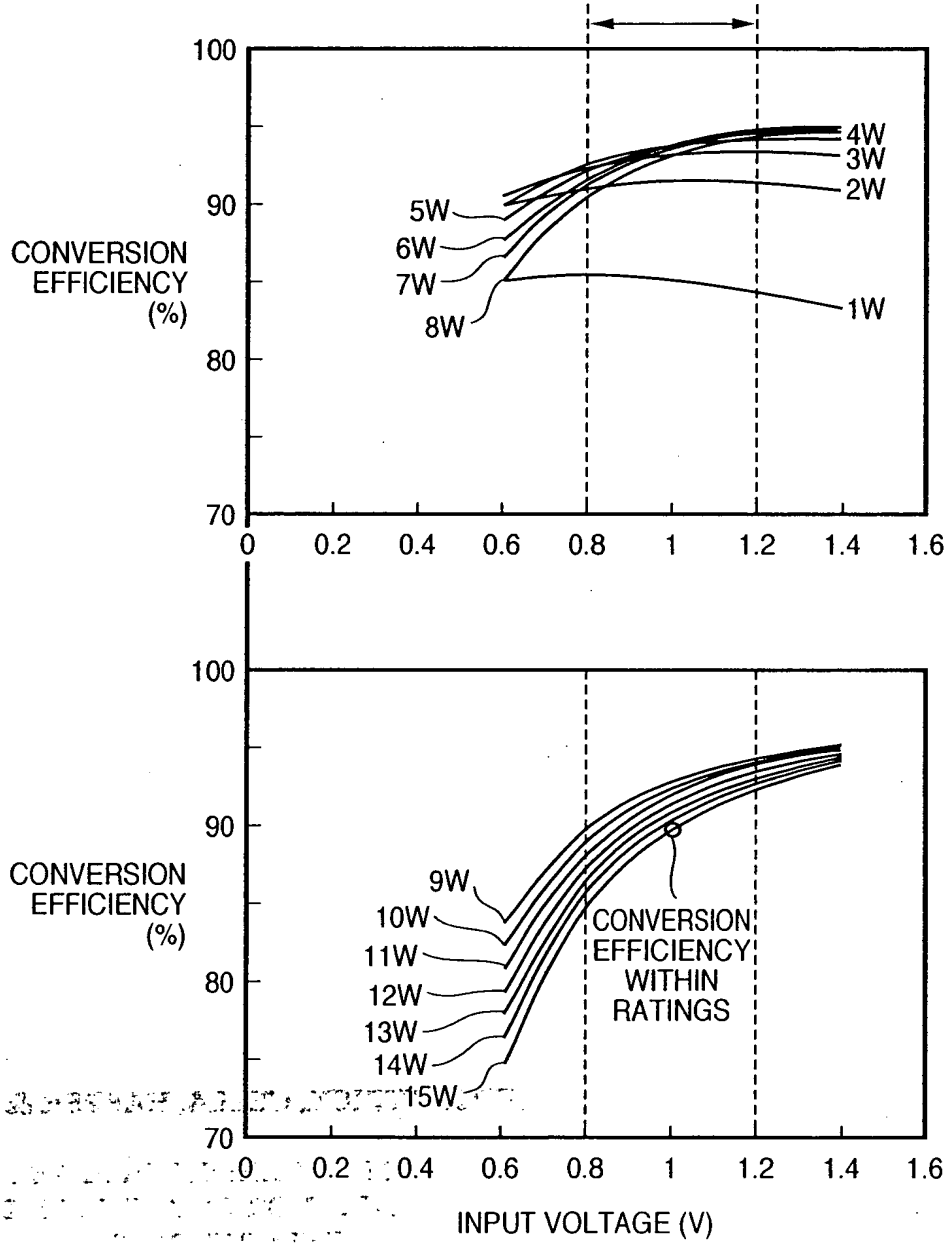
FIG. 6



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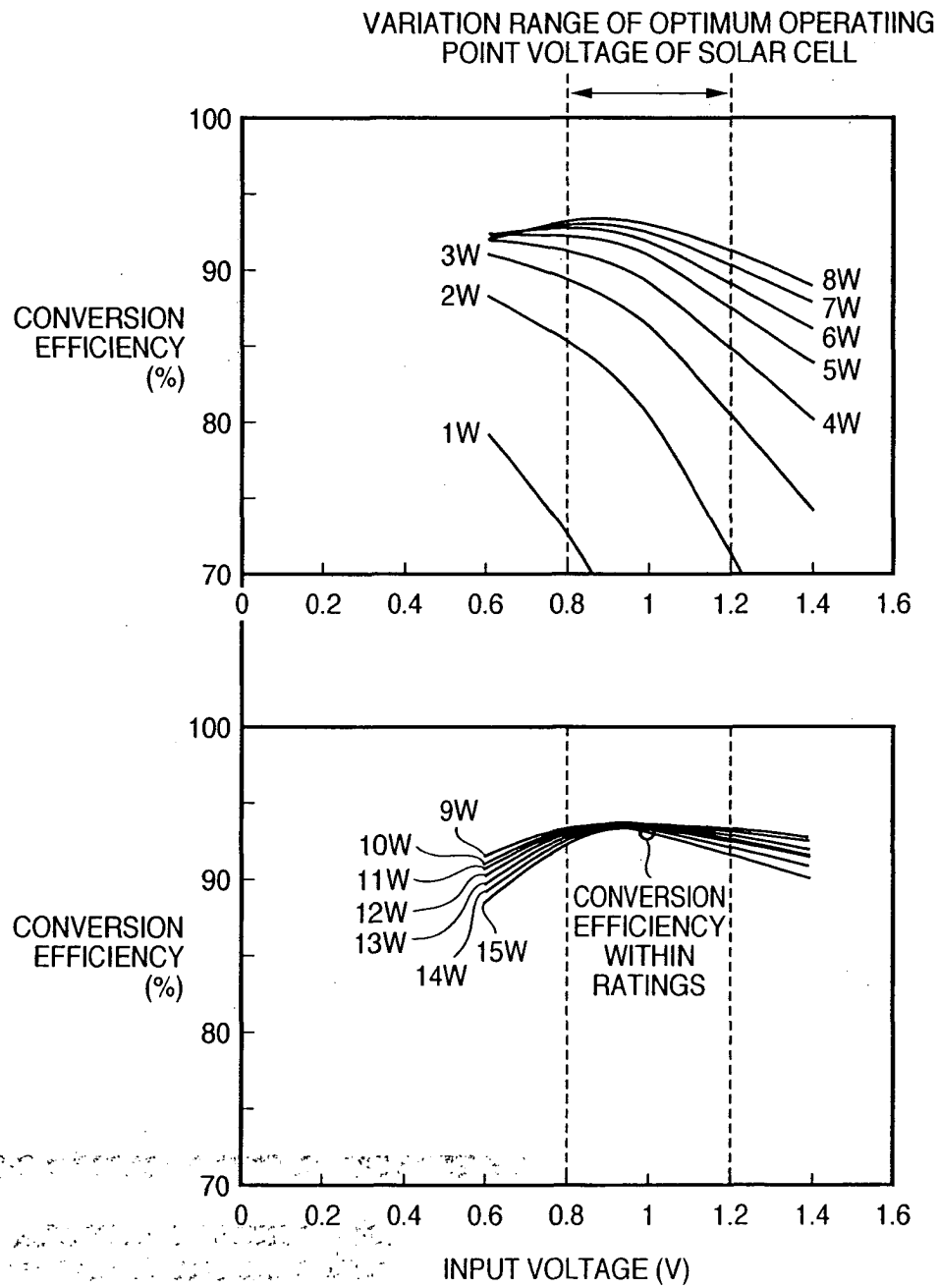
FIG. 7

VARIATION RANGE OF OPTIMUM OPERATING
POINT VOLTAGE OF SOLAR CELL



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FIG. 8



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FIG. 9

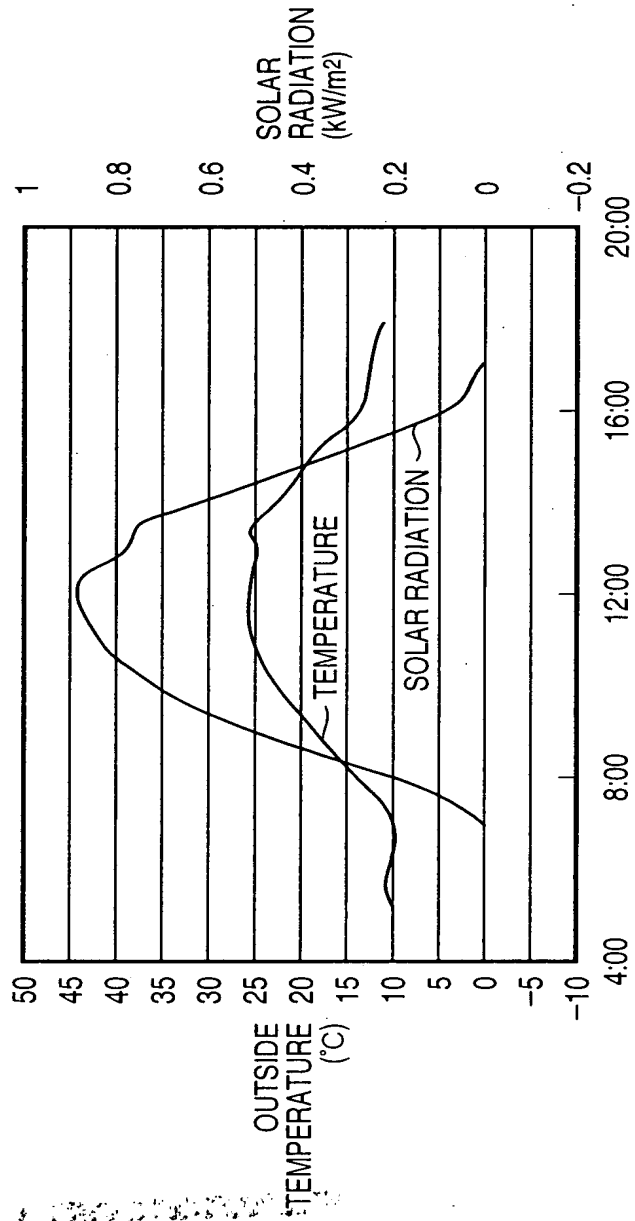
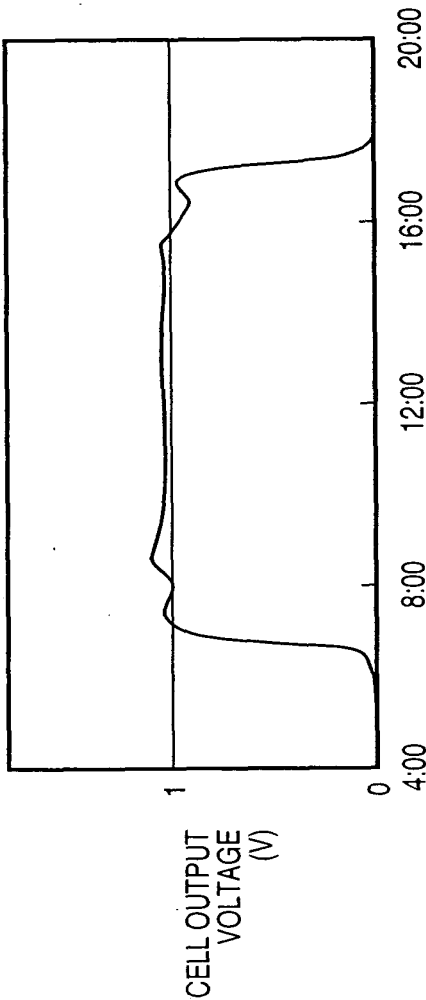
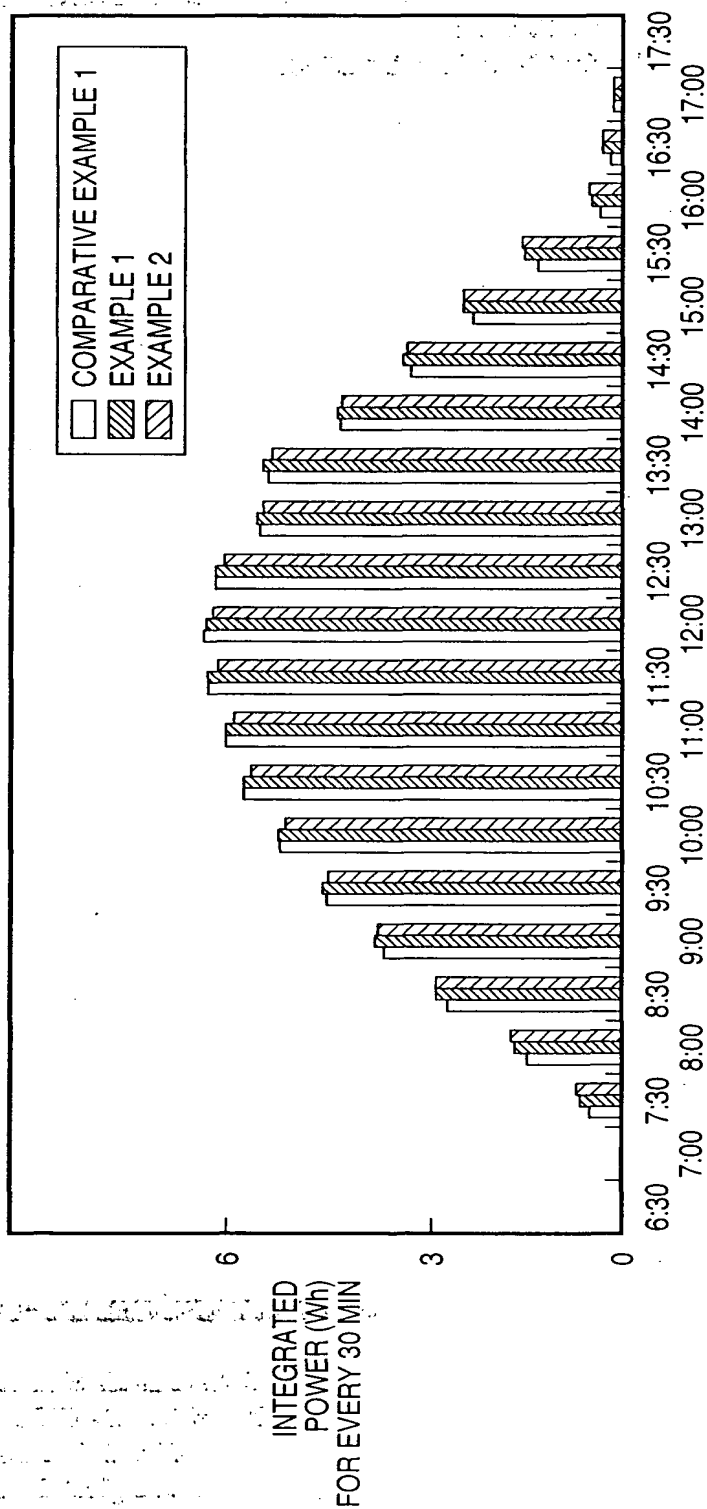


FIG. 10

[illegible][illegible]

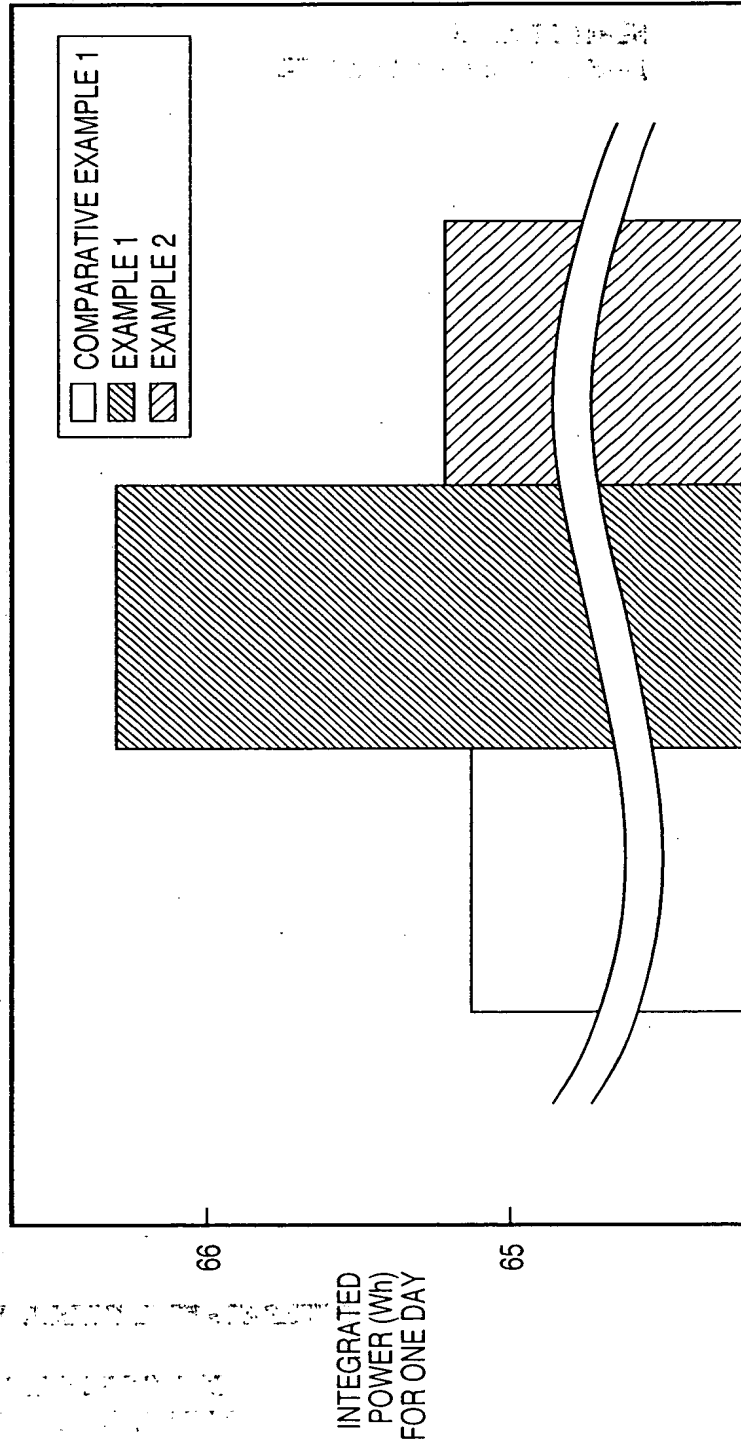
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FIG. 11



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FIG. 12



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FIG. 13

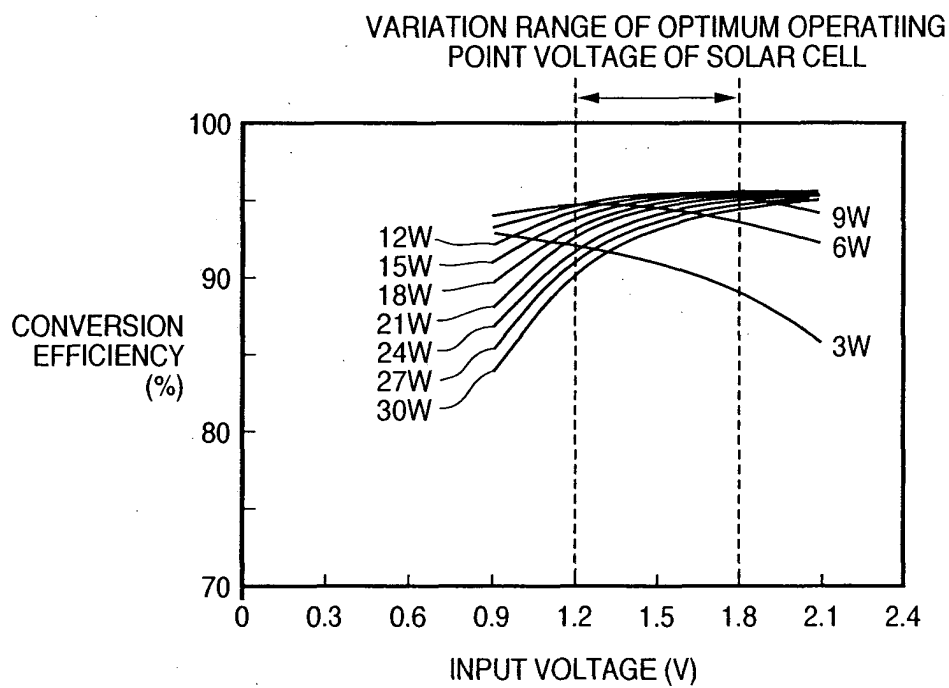
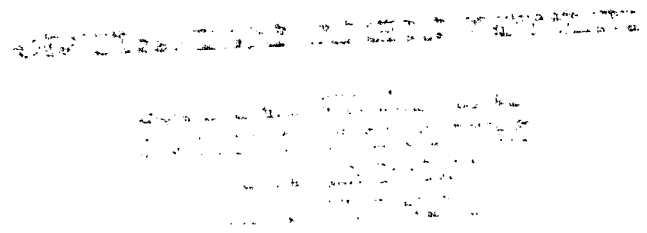


FIG. 14



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FIG. 15

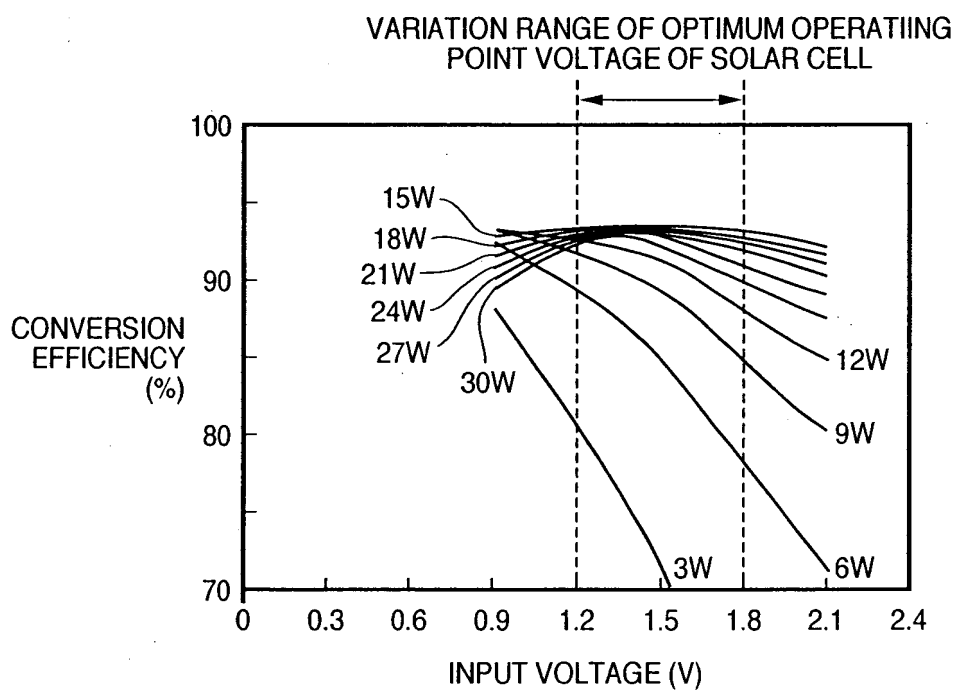


FIG. 16

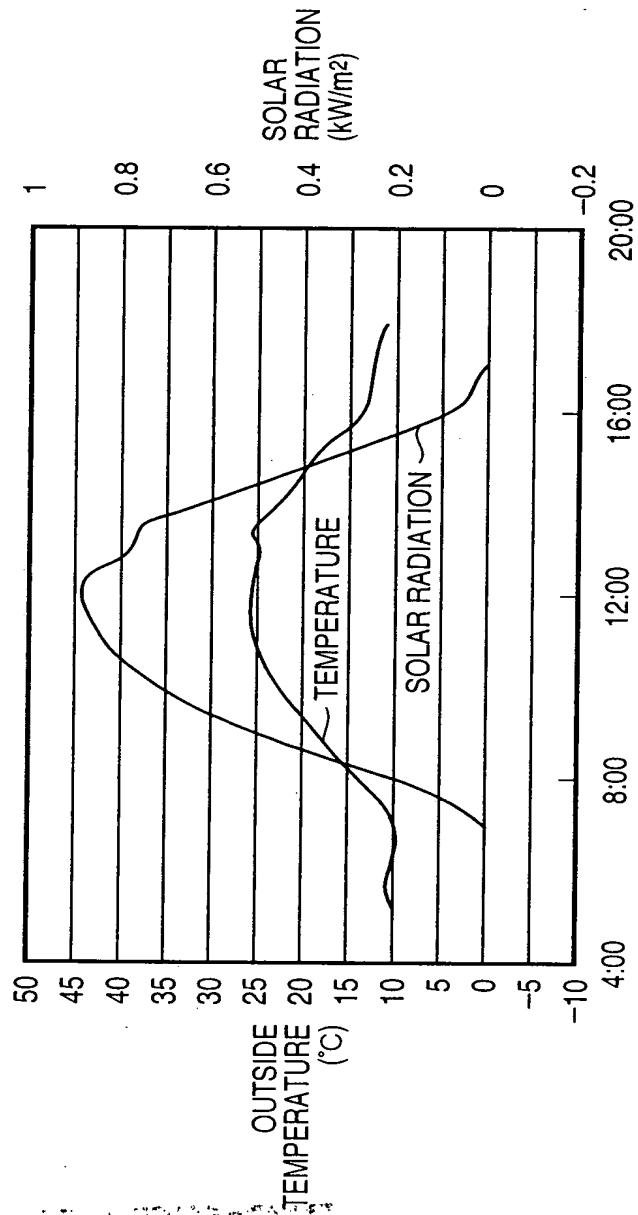


FIG. 17

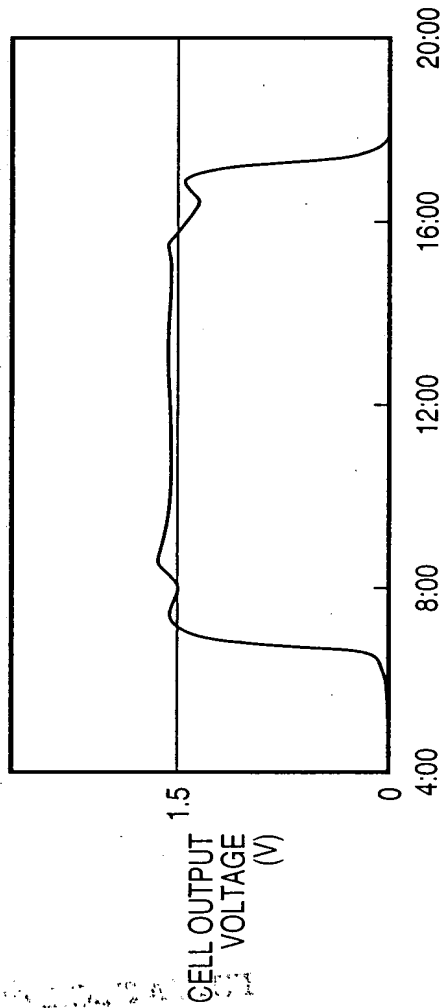


FIG. 18

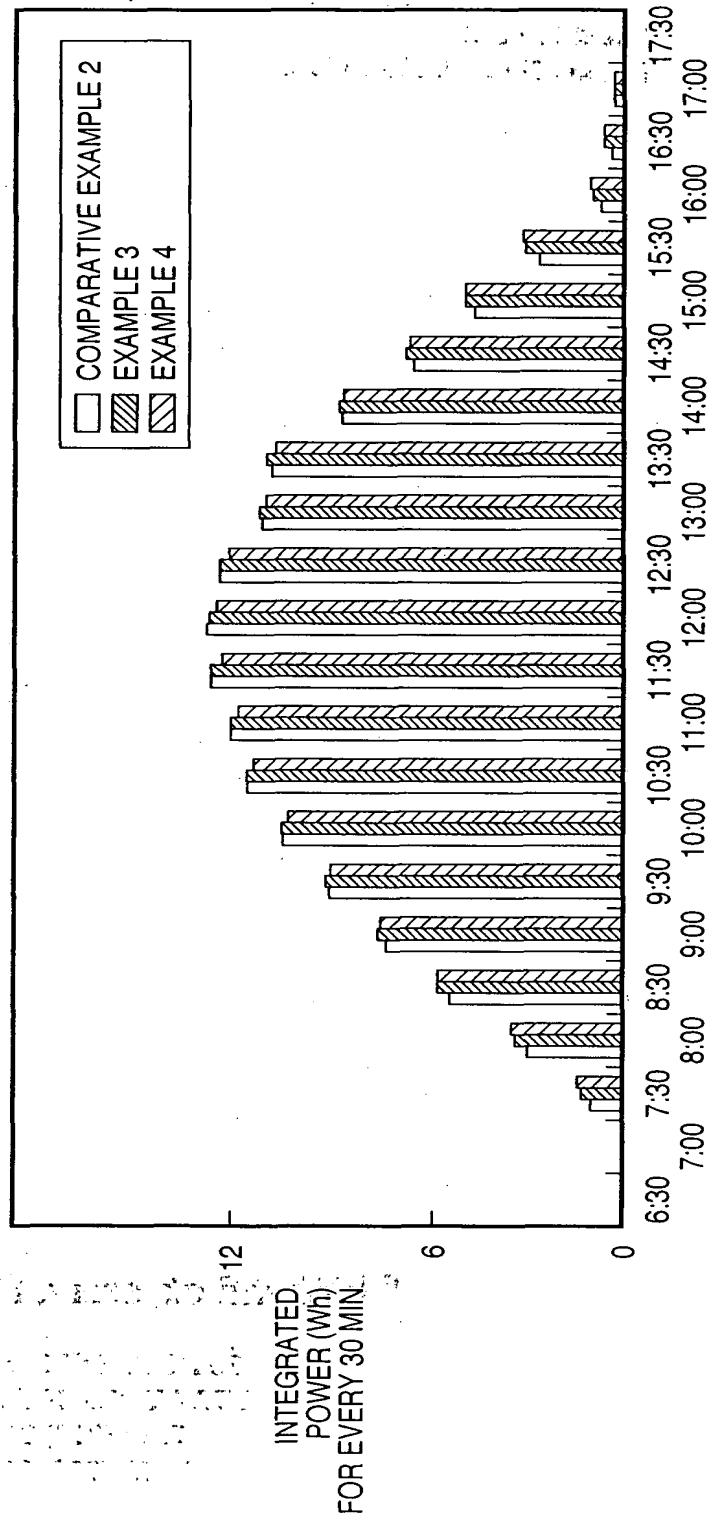


FIG. 19

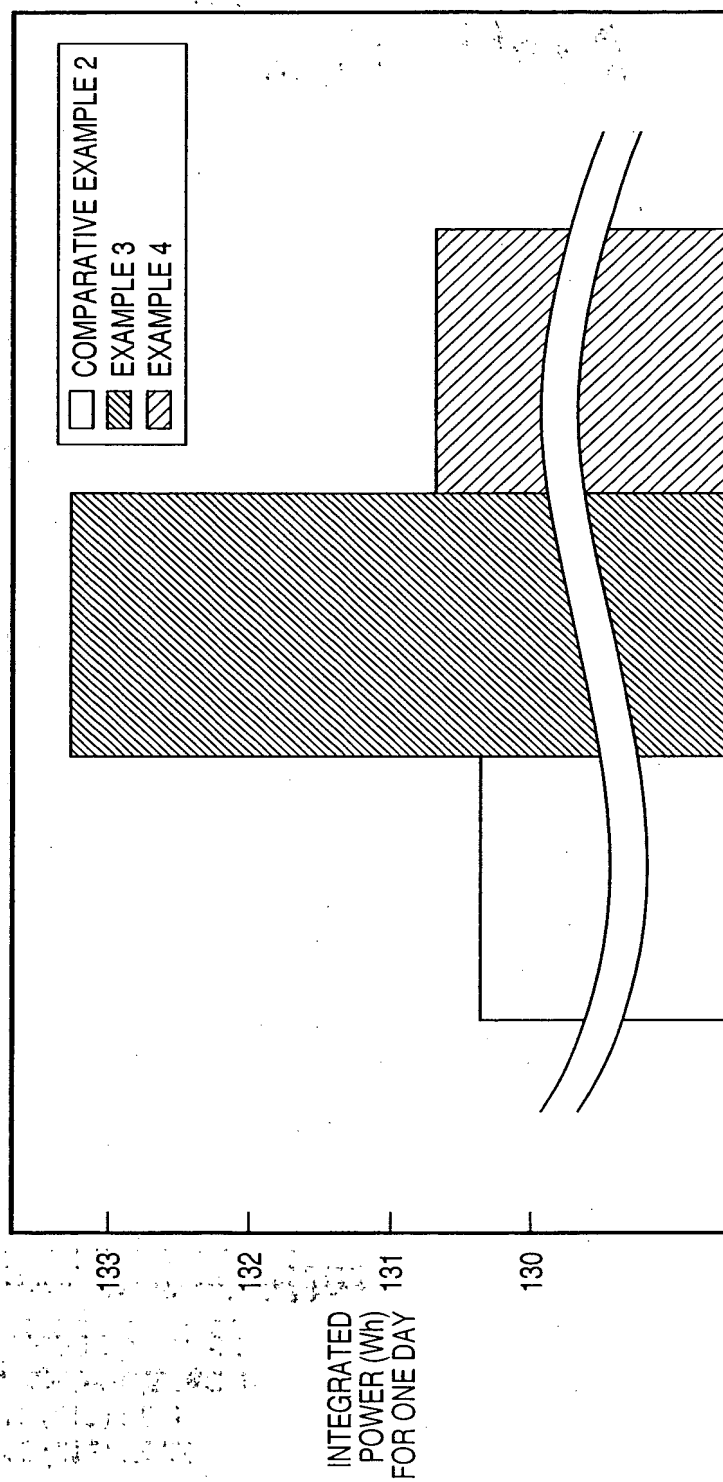


FIG. 20

CORE

MATERIAL : FERRITE

SHAPE : EP CORE

EFFECTIVE SECTIONAL AREA : 33.9mm²

EFFECTIVE MAGNETIC PATH LENGTH : 28.5mm

COIL

PRIMARY WINDING : 2 TURNS × 2 (PUSH-PULL)

MATERIAL : FLAT TYPE COPPER WIRE, WINDING RESISTANCE 9.2mΩ

SECONDARY WINDING : 400 TURNS

MATERIAL : URETHANE-INSULATED MAGNET WIRE, DIAMETER 0.14mm

FIG. 21**CORE**

MATERIAL : FERRITE

SHAPE : EP CORE

EFFECTIVE SECTIONAL AREA : 33.9mm²

EFFECTIVE MAGNETIC PATH LENGTH : 28.5mm

COIL

PRIMARY WINDING : 3 TURNS × 2 (PUSH-PULL)

MATERIAL : FLAT TYPE COPPER WIRE, WINDING RESISTANCE 20.7mΩ

SECONDARY WINDING : 600 TURNS

MATERIAL : URETHANE-INSULATED MAGNET WIRE, DIAMETER 0.115mm

FIG. 22

CORE
MATERIAL : FERRITE
SHAPE : EP CORE
EFFECTIVE SECTIONAL AREA : 33.9mm ²
EFFECTIVE MAGNETIC PATH LENGTH : 28.5mm
COIL
PRIMARY WINDING : 1 TURN × 2 (PUSH-PULL)
MATERIAL : FLAT TYPE COPPER WIRE, WINDING RESISTANCE 2.3mΩ
SECONDARY WINDING : 200 TURNS
MATERIAL : URETHANE-INSULATED MAGNET WIRE, DIAMETER 0.2mm

FIG. 23

CORE

MATERIAL : FERRITE**SHAPE : EP CORE****EFFECTIVE SECTIONAL AREA : 33.9mm²****EFFECTIVE MAGNETIC PATH LENGTH : 28.5mm**

COIL

PRIMARY WINDING : 2 TURNS × 2 (PUSH-PULL)**MATERIAL : FLAT TYPE COPPER WIRE, WINDING RESISTANCE 9.2mΩ****SECONDARY WINDING : 266 TURNS****MATERIAL : URETHANE-INSULATED MAGNET WIRE, DIAMETER 0.17mm**

FIG. 24**CORE****MATERIAL : FERRITE****SHAPE : EP CORE****EFFECTIVE SECTIONAL AREA : 33.9mm²****EFFECTIVE MAGNETIC PATH LENGTH : 28.5mm****COIL****PRIMARY WINDING : 3 TURNS × 2 (PUSH-PULL)****MATERIAL : FLAT TYPE COPPER WIRE, WINDING RESISTANCE 20.7mΩ****SECONDARY WINDING : 399 TURNS****MATERIAL : URETHANE-INSULATED MAGNET WIRE, DIAMETER 0.14mm**

FIG. 25

CORE
MATERIAL : FERRITE
SHAPE : EP CORE
EFFECTIVE SECTIONAL AREA : 33.9mm ²
EFFECTIVE MAGNETIC PATH LENGTH : 28.5mm
COIL
PRIMARY WINDING : 1 TURN × 2 (PUSH-PULL)
MATERIAL : FLAT TYPE COPPER WIRE, WINDING RESISTANCE 2.3mΩ
SECONDARY WINDING : 133 TURNS
MATERIAL : URETHANE-INSULATED MAGNET WIRE, DIAMETER 0.24mm